

ABSTRACT

5 A computerized method and system for managing security risk, where risk associated with a  
breach of security is analyzed and quantified according to weighted risk variables. The analysis  
is accomplished by a computerized security risk management system that receives information  
relating to physical, informational, communication and surveillance risk, and structures the  
information such that it can be related to risk variables and a security risk level can be  
calculated according to a relevance of associated risk variables. The security risk level can be  
10 indicative of a likelihood that a breach of security may occur relating to a particular transaction  
or facility. Similarly, a security confidence level can be indicative of how secure a particular  
facility or practice is and a security maintenance level can be indicative of a level of security  
that should be maintained in relation to an analyzed subject.